



Billing Code: 4163-18-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Agency for Toxic Substances and Disease Registry

[30Day-16-0046]

Agency Forms Undergoing Paperwork Reduction Act Review

The Agency for Toxic Substances and Disease Registry (ATSDR) has submitted the following information collection request to the Office of Management and Budget (OMB) for review and approval in accordance with the Paperwork Reduction Act of 1995. The notice for the proposed information collection is published to obtain comments from the public and affected agencies.

Written comments and suggestions from the public and affected agencies concerning the proposed collection of information are encouraged. Your comments should address any of the following: (a) Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information will have practical utility; (b) Evaluate the accuracy of the agencies estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used; (c) Enhance the quality, utility, and clarity

of the information to be collected; (d) Minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses; and (e) Assess information collection costs.

To request additional information on the proposed project or to obtain a copy of the information collection plan and instruments, call (404) 639-7570 or send an email to [omb@cdc.gov](mailto:omb@cdc.gov). Direct written comments and/or suggestions regarding the items contained in this notice to the Attention: CDC Desk Officer, Office of Management and Budget, Washington, DC 20503 or by fax to (202) 395-5806. Written comments should be received within 30 days of this notice.

#### Proposed Project

Prospective Birth Cohort Study Involving Environmental Uranium Exposure in the Navajo Nation (OMB Control No. 0923-0046, Expiration, 2/29/2016) - Extension - Agency for Toxic Substances and Disease Registry (ATSDR).

#### Background and Brief Description

The Navajo Nation is the largest Alaska Native/American Indian Reservation in the United States. From 1948 to 1986, many uranium mining and milling operations took place in the Navajo Nation, leaving a large amount of uranium contamination on the reservation. The House Committee on Oversight and Government Reform requested that federal agencies develop a plan to address health and environmental impacts of uranium contamination in the Navajo Nation.

As a result in 2013, ATSDR and its research partners (University of New Mexico Community Environmental Health Program [UNM-CEHP], Navajo Area Indian Health Service [NAIHS], Navajo Nation Department of Health [NNDOH], Navajo Nation Environmental Protection Agency [NNEPA], and Navajo culture and language specialists) initiated a research study titled "Prospective Birth Cohort Study Involving Environmental Uranium Exposure in the Navajo Nation" (OMB Control No. 0923-0046; expiration date 02/29/2016). The goal of the research is to better understand and prevent unfavorable child and maternal health outcomes potentially related to prenatal exposures to uranium. As

ATSDR has received supplemental funding to continue the study, a three year extension for PRA clearance is requested to allow further recruitment of mother-infant pairs.

Participants include Native American mothers from age 14 to 45 with verification of pregnancy who have lived in the study area for at least 5 years. Also, participants must consent to receive prenatal care and deliver at one of the healthcare facilities that are taking part in the study.

Since 2013, over 525 mother-infant pairs and over 160 fathers have been enrolled. Biological sample analysis, surveys, and developmental screenings are performed for each participant. An estimated 675 biomonitoring samples have been analyzed for 36 metals/metalloids including uranium, arsenic, lead and mercury. Home environmental assessments (HEAs), conducted by field research staff, consist of gamma radiation surveys, indoor air radon tests, and dust sample analysis of the participants' primary residence during pregnancy, and over 400 HEAs have been completed to date. Mothers must be present at home when field research staff conduct the HEA. Study participants receive report back letters on their biomonitoring and HEA results to inform them of uranium and other heavy metals in their bodies and in and around their home environment.

The survey instruments for pregnant mothers include the following: Eligibility Form, Mother Enrollment Survey, Ages and

Stages Questionnaire (ASQ), Mullen Scales for Early Learning (MSEL), Postpartum Survey (2 months), Postpartum Survey (6,9,12 months), Food Frequency Questionnaire/WIC Intake Form, and Home Environmental Assessments. An enrollment survey for fathers who agree to participate is also administered. Follow-up assessments including the Ages & Stages Questionnaire and biomonitoring at 2, 6, 9 and 12 months are currently being conducted for the 387 infants delivered to date.

Community Health and Environmental Research Specialists (CHERS) administer the surveys using a CDC-approved electronic data entry system. Survey instruments are used to collect demographic information and to assess potential environmental health risks and mother-child interactions. The final format of the survey instruments is based on review and input from the Navajo Nation community liaison group and associated Navajo staff to address issues such as cultural sensitivity, comprehension, and language translation.

There is no cost to the respondents other than their time to participate in the study. The total estimated annual burden hours equals 4,455.

Estimated Annualized Burden Hours

Type of Respondents	Form Name	Number of Respondents	Number of Responses per Respondent	Average Burden Response (Hours)
Mothers	Eligibility Form	750	1	5/60
	Mother Enrollment Survey	550	1	2
	Ages and Stages Questionnaire (2,6,9,12 months)	500	4	15/60
	Mullen Scales of Early Learning	500	1	20/60
	Postpartum Survey (2 months)	500	1	1
	Post-partum Survey (6,9,12 months)	500	3	15/60
	Food Frequency Questionnaire/ WIC Intake Form	500	1	45/60
	Home Environmental Assessment	550	1	1
Fathers	Father Enrollment Survey	550	1	90/60

---

Leroy A. Richardson  
 Chief, Information Collection Review Office  
 Office of Scientific Integrity  
 Office of the Associate Director for Science  
 Office of the Director  
 Centers for Disease Control and Prevention

[FR Doc. 2015-30595 Filed: 12/3/2015 8:45 am; Publication Date: 12/4/2015]